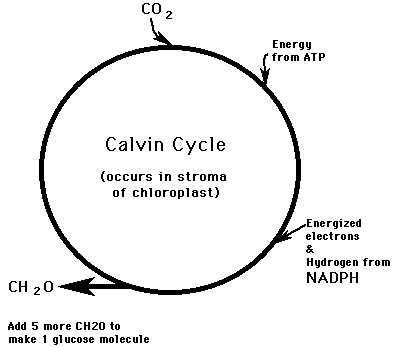
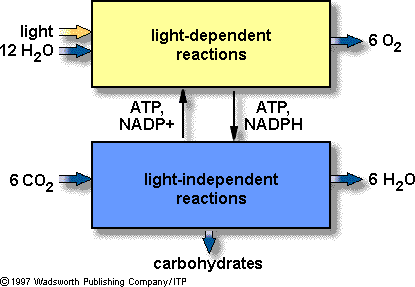
**Dark Reactions**

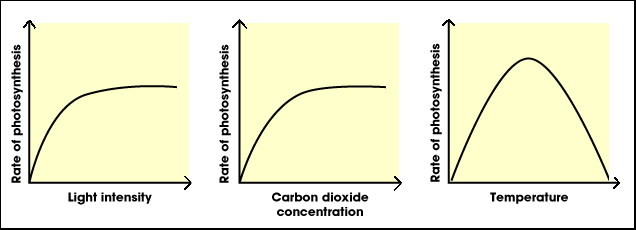
* Other names: Light independent or Calvin Cycle
* **Purpose: Change CO2 into sugar by using ATP & NADPH**
  + **ATP & NADPH from light reaction**
* Does not need light
* Takes place in stroma
* 6 cycles = 1 glucose
* Sugar used for growth or food storage





**Impacts on Photosynthesis**

* Light
* Carbon Dioxide
* Temperature
* Water



**Why is deforestation so bad?**

* [Explanation](http://www.atmos.umd.edu/~owen/CHPI/IMAGES/biotree.html)
* [Deforestation pictures](http://www.photovault.com/Link/Technology/Outside/Deforestation/TODVolume01.html)

